

Acceleration Practice:

1. You are running at 8 m/s , then you realize you need to slow down to 6 m/s . If it took you 5 seconds to slow down, what is your acceleration?

2. You are running at 3.5 m/s , then you realize you need to speed up to 7.2 m/s . If it took you 3 seconds to speed up, what is your acceleration?

3. You are driving 22 m/s then speed up to 48 m/s . If it took you 7 seconds to speed up, what is your acceleration?

4. You are driving 55 m/s then slow down to 45 m/s. If it took you 2 seconds to slow down, what is your acceleration?
5. You are driving in Canada at 45 km/hr then speed up to 65 km/hr. If it took you 5 seconds to speed up, what is your acceleration?
6. You are driving in Canada at 50 km/hr then slow down to 40 km/hr. If it took you 5 seconds to slow down, what is your acceleration?

7. You are driving in Kansas at 55 mi/hr then speed up to 75 mi/hr. If it took you 3 seconds to speed up, what is your acceleration?

8. You are driving in Kansas at 60 mi/hr then slow down to 35 mi/hr. If it took you 4 seconds to slow down, what is your acceleration?